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Journal of Fractional Calculus and Applications

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fractional calculus", Journal of Computational and Applied  
Mathematics 366 (2020), 112400. DOI: 10.1016/j.cam.2019.112400  
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complex number powers of the differentiation operator  $D = ()$ , and  
of the integration operator  $J = \int ()$ , and developing a calculus for

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such operators generalizing the classical one.. In this context, the term powers refers to iterative application of a ...

Fractional calculus - Wikipedia

Abstract This paper deals with recent applications of fractional calculus to dynamical systems in control theory, electrical circuits with fractance, generalized voltage divider, viscoelasticity, fractional-order multipoles in electromagnetism, electrochemistry, tracer in fluid flows, and model of neurons in biology.

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